

## ABSTRACT

The data sending device (10) receives input  
biphase-mark-encoded sending data which is output from an apparatus  
5 on the sending side, and a biphase decoding section (12)  
biphase-mark-decodes the input sending data. The output data from  
the biphase decoding section (12) is transmitted to a data receiving  
device via a sending section (14). On the other hand, the data  
receiving device biphase-mark-encodes the data received from the  
10 data sending apparatus (10) and then supplies the data to an  
apparatus on the receiving side.